

PCT

GENERAL POWER OF ATTORNEY

(for several international applications filed under the Patent Cooperation Treaty)

(PCT Rule 90.5)

The undersigned person(s):

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
11445 Compaq Center Drive W.
Houston TX 77070
US

hereby appoint(s) the following person as:

agent

common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

See attached page 3 for list of names. All appointed agents have the same addresses:

HP Inc.
3390 E. Harmony Road
Mail Stop 35
Fort Collins CO 80528
US

to represent the undersigned before

all the competent International Authorities

the International Searching Authority only

the Authority specified for supplementary search only: _____
(please indicate the Authority(ies) specified for supplementary search)

the International Preliminary Examining Authority only

in connection with any and all international applications filed by the undersigned with the following Office:

United States Patent and Trademark Office

as receiving Office

and to make or receive payments on behalf of the undersigned.

This Power of Attorney supercedes any previous Power of Attorney and may be revoked by Hewlett-Packard Development Company, L.P., at any time.

Signature(s) (where there are several persons, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading this power):

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

by: HPQ Holdings, LLC, its General Partner

by: Robert D. Wasson

Robert D. Wasson
Chief Patent Counsel

Date: February 8 2017

Attachment to PCT General Power of Attorney Dated: February 8 2017
Agents Authorized for
Hewlett-Packard Development Company, L.P.

**STATEMENT OF AUTHORITY TO SIGN
PCT GENERAL POWER OF ATTORNEY**
(for several international applications filed under the Patent Cooperation Treaty)
(PCT Rule 90.5)

The undersigned, Robert D. Wasson, hereby certifies that he has been empowered to execute the accompanying PCT General Power of Attorney on behalf of

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

Please direct any questions you may have to the undersigned at the address and phone number below.

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

by: HPQ Holdings, LLC, its General Partner

by: Robert D. Wasson
Robert D. Wasson
Chief Patent Counsel

Dated: February 8, 2017

HP Inc.
Intellectual Property Administration
3390 E. Harmony Road
Mail Stop 35
Ft. Collins CO 80528

Telephone: +1 541 360 4450

Attachment to PCT General Power of Attorney Dated: February 8 2017
Agents Authorized for
Hewlett-Packard Development Company, L.P.

US Practitioners	Reg. No.
BURROWS, Sarah E.	59,017
CARTER, Daniel J.	72,493
COSTALES, Shruti	56,333
GARDINER, Austin William	70,394
HASAN, Nishat	61,694
HOOPES, Benjamin	63,493
KARNSTEIN, Walter W.	35,565
LEMMON, Marcus B.	63,664
MAISAMI, Ceyda Azakli	67,530
MATHEW, Wilson T.	71,262
MORRIS, Jordan E.	68,263
PERRY, Garry A.	56,696
SEARLE, Benjamin M.	59,540
SORENSEN, C. Blake	60,108
SU, Benjamin	61,725
WASSON, Robert D.	40,218
WOODWORTH, Jeffrey C.	69,055